



CITY OF SUGAR LAND

Engineering Department

CIP Project Number: WA1004

Title: Water Storage Tank Rehabilitation - Austin Parkway Water Plant

Project Phase: Design/Construction

% of Phase Completion

Design

Construction



Cost for this Phase: \$ 460,000

Funding Sources: Revenue Bonds

Project Manager: Keisha E. Seals

Contractor: TBD

Consultant: Pate Engineers

Project Description: Refurbishment of the existing .44 MG ground storage tank, and two 10,000 gallon hydrostatic tanks at Austin Parkway water plant. Work includes structural repairs and modifications as needed, blasting and proper removal of old coatings and repainting and new probes for hydro-tanks.

Justification: Scheduled maintenance for water storage tanks following the department's Tank Rehabilitation Plan. The interior and exterior coatings of the GST and hydrostatic tanks are failing and replacement of paint/coatings is required.

Updates:

December 2009 – A proposal for the evaluation of and preliminary engineering report for the water plant work was awarded to Pate Engineering. Pate conducted a field visit to determine whether replacement or rehabilitation was necessary and to what extent. The preliminary findings determined that the plant is in overall good condition and can use minor internal repairs (ie: broken ladder inside the plant) and external painting. Next step is to submit the PE report for review and move forward with the design/details for construction.